

# 2004 Water Use Efficiency Grant Applications

**Click on application # to view the application**

Applications are in a "pdf" format and files are quite large. Due to differences in how the proposals were electronically filed, some of the posted applications only contain the statement of work and the benefit/cost analysis. Reviewers are provided the entire submitted proposal.

App.	Applicant	Project Title
<a href="#">2004-001</a>	United States Department of Agriculture	Improved Management Practices for Water Use Efficiency in Floriculture Production
<a href="#">2004-002</a>	Palmdale Water District	Demonstration Conservation Garden
<a href="#">2004-003</a>	Palmdale Water District	Pilot ET Control Program
<a href="#">2004-004</a>	Millbrae, City of	Water Wise Gardening CDROM
<a href="#">2004-005</a>	Cathedral City, City of	Landscape Irrigation System Upgrade
<a href="#">2000-006</a>	Eastern Municipal Water District	Incentives for Outdoor Conservation by Residential Customers
<a href="#">2004-007</a>	Cucamonga Valley Water District	Landscape Rebate Program
<a href="#">2004-008</a>	Western Canal Water District	Replacement and Automation of Elevation Control Structure 875
<a href="#">2004-009</a>	Lake County Special Districts	Residential Plumbing Retrofit
<a href="#">2004-010</a>	Interdisciplinary Spatial Information Systems Center, CSU Fresno	Identifying Total Urban Irrigated Landscape Areas San Joaquin Valley Satellite Remote Sensing Image Spectral Mixture Analysis
<a href="#">2004-011</a>	Needles, City of	Residential ULFT Replacement
<a href="#">2004-012</a>	Lodi, City of	Commercial Industrial Water Meter Project
<a href="#">2004-013</a>	Deer Creek Irrigation District	Deer Creek Agricultural Water Use Efficiency Program Near-Term System Improvements Project
<a href="#">2004-014</a>	Contra Costa Water District	High Efficiency Toilet and Urinal Replacement Program
<a href="#">2004-015</a>	United States Department of Agriculture	Improved Water Use Efficiency for Vegetables Grown in the San Joaquin Valley
<a href="#">2004-016</a>	Northeastern San Joaquin County	Eastern San Joaquin County: Agricultural Water Use Efficiency Feasibility Study
<a href="#">2004-017</a>	Irvine Ranch Water District	Rotary Nozzle Retrofit Study
<a href="#">2004-018</a>	Oxnard, City of	South Oxnard Library, Xeriscape Demonstration Project
<a href="#">2004-019</a>	Maxwell Public Utility District	2005 Water Meter Replacement Project
<a href="#">2004-020</a>	Central Basin Municipal Water District	Commercial Landscape Wireless Valve End Use Management Research Project

<a href="#">2004-021</a>	Deer Creek Irrigation District	Deer Creek Agricultural Water Use Efficiency Program Long-Term System Improvements Feasibility Investigation
<a href="#">2004-022</a>	Orland Unit Water Users Association	Orland Project Regulating Reservoir Feasibility Investigation
<a href="#">2004-023</a>	California Avocado Commission	Water Use Efficiency Using ET Controllers: Research and Development of Irrigation Management Database System
<a href="#">2004-024</a>	North West Kern Resource Conservation District	On-Farm Irrigation System Evaluations
<a href="#">2004-025</a>	Sacramento, City of	Park Irrigation Infrastructure Improvements
<a href="#">2004-026</a>	Cal Poly Pomona Foundation, Inc	Interactive Learning Modules for Irrigation Water Management
<a href="#">2004-027</a>	California State University, Fresno Foundation	Monitoring and Assessment of Soil Salinity, Boron, and Selenium in Drainage-Impacted Lands
2004-028	Ineligible proposal	
<a href="#">2004-029</a>	Metropolitan Water District of Southern California	Residential High Efficiency Clothes Washer Rebate Program
<a href="#">2004-030</a>	Los Angeles County Waterworks Districts	Residential Ultra Low Flush Toilet/High Efficiency Washing Machine Rebate Program
<a href="#">2004-031</a>	Los Angeles County Waterworks District	Residential Water Use Audits Program
<a href="#">2004-032</a>	University of California, Davis	Monitoring Wetting Front Advance Rate for Irrigation Management in Flood Irrigated Alfalfa Production Systems
<a href="#">2004-033</a>	Pittsburg, City of	Innovative Irrigation Saving Our Delta "I2SOD"
<a href="#">2004-034</a>	University of California, Davis - Regents	Improvement in CIMIS California Statewide Potential Evapotranspiration Maps
<a href="#">2004-035</a>	Tehama-Colusa Canal Authority	Tehama-Colusa Canal Automation Upgrade
<a href="#">2004-036</a>	Clovis Botanical Garden Committee	Clovis Botanical Garden Expansion
<a href="#">2004-037</a>	Tehama County Resource Conservation District	Northern Sacramento Valley Mobile Irrigation Lab
<a href="#">2004-038</a>	Patterson Irrigation District	Decision Support for Implementation and Evaluation of Agricultural Water Reuse Best Management Practices to Improve District-Level Irrigation Efficiency
<a href="#">2004-039</a>	Richgrove Community Services District	Richgrove Water Meter Retrofit Program
<a href="#">2004-040</a>	San Diego, City of	San Diego State of the Urban Forest Report
<a href="#">2004-041</a>	Western Municipal Water District	BRAC Cost Reduction: Metering and Urban Retrofit
<a href="#">2004-042</a>	Los Angeles County Waterworks Districts	Commercial, Industrial, Institutional Water Use Audits and Dedicated Landscape Meter Installation Program
<a href="#">2004-043</a>	West Basin Municipal Water District	West Basin Municipal Water District Landscape Irrigation Management Project

<a href="#">2004-044</a>	Calistoga, City of	Commercial/Transient Ultra-low Flow Toilet Replacement and Residential Ultra-Low Flow Toilet Replacement Project
<a href="#">2004-045</a>	Benicia, City of	Large Landscape ET Controller System Project
<a href="#">2004-046</a>	University of California, Davis	Ground-Based Remote Sensing Technology for Improved Agricultural Water Use Efficiency In Furrow Irrigation Systems
<a href="#">2004-047</a>	California Polytechnic State University Foundation	Technology Transfer to Irrigation Districts
2004-048	Ineligible proposal	
<a href="#">2004-049</a>	The Regents of the University of California, Division of Agriculture and Natural Resources /UCCE San Bernardino County	Conserving Water and Improving Plant Health in Large Southern California Landscapes
<a href="#">2004-050</a>	Beverly Hills, City of	Enhanced Rebates for CII Water Saving Devices - Zero Consumption Urinals
<a href="#">2004-051</a>	Steelworkers Oldtimers Foundation	Youth, Children and Families Water Use Efficiency Educational Project
<a href="#">2004-052</a>	Corona, City of	City of Corona Landscape Learning Center
<a href="#">2004-053</a>	Great Valley Center	Central Valley Landscape Water Education Program
<a href="#">2004-054</a>	Irvine Ranch Water District	Statewide Study of Water Use Efficiency
<a href="#">2004-055</a>	Inland Empire Utilities Agencies	Landscape Irrigation System Audit and Tune Up Program
<a href="#">2004-056</a>	California State University, Fresno - Foundation	Development of a Standardized Procedure for Rapid Identification and Quantification of Canal Seepage
<a href="#">2004-057</a>	San Diego, City of	Recirculating Hot Water Systems: Residential Survey and Feasibility Study
<a href="#">2004-058</a>	San Diego, City of	Pressure Regulator Incentive Pilot Program
<a href="#">2004-059</a>	Irrigation Training and Research Center, Cal Poly State Univ San Luis Obispo	Integration and Enhancement of WBMConserve
<a href="#">2004-060</a>	West Hills Community College District	Remote Sensing for Irrigation Scheduling and Water Efficiency
2004-061	Ineligible proposal	
<a href="#">2004-062</a>	Pacific Institute in Development, Environment, and Security	Clarification of Key Concepts in Water Use Efficiency: Reducing Barriers to Understanding, Quantification, and Implementation
<a href="#">2004-063</a>	California State University, Monterey Bay - Foundation	Characterizing Spatiotemporal Variations in Canopy Density, Soils, Climate, and Vineyard Water Balances to Derive Spatially-Explicit Irrigation Strategies: Developing of the Viticultural Information System (VITIS)
<a href="#">2004-064</a>	Metropolitan Water District of Southern California	California Friendly Communities

<a href="#">2004-065</a>	Upper San Gabriel Valley Municipal Water District	USGVMWD Landscape and Irrigation Project
<a href="#">2004-066</a>	Long Beach, City of	Marina Vista Coastal-Friendly Gardens
<a href="#">2004-067</a>	Metropolitan Water District of Southern California	High-Efficiency Toilet Rebate Program
<a href="#">2004-068</a>	West Hills Community College District	Irrigation Model Demonstration Farm
<a href="#">2004-069</a>	Friars Village Homeowners' Association	Landscape Irrigation System Upgrade
<a href="#">2004-070</a>	University of California, Davis	Water Use Efficiency in Sacramento Valley Rice Cultivation
<a href="#">2004-071</a>	Port Hueneme, City of	Citywide Meter Retrofit and System Audit Program
<a href="#">2004-072</a>	Western Municipal Water District	Water-Wise Zone
<a href="#">2004-073</a>	Newhall County Water District (NCWD)	Residential ET Controller Rebate Program
<a href="#">2004-074</a>	Lake Arrowhead Community Services District	Automatic Meter System Project
<a href="#">2004-075</a>	Downey, City of	Apollo Park Irrigation Renovation Project
<a href="#">2004-076</a>	Lake Arrowhead Community Services District	Evapotranspiration (ET) Controller Irrigation Technology Project
<a href="#">2004-077</a>	Lake Arrowhead Community Services District	Artificial Turf Technology Demonstration Project
<a href="#">2004-078</a>	Project Amiga	Youth and Community Environmental Career Training Program
<a href="#">2004-079</a>	Northern California Golf Association	Improving California Golf Course Water Use Efficiency
<a href="#">2004-080</a>	West Basin Municipal Water District	West Basin Municipal Water District Restroom Retrofit Project
<a href="#">2004-081</a>	San Benito County Water District	Water Softener Rebate Program
<a href="#">2004-082</a>	Santa Clara Valley Water District	Water Conservation in Santa Clara County Schools
<a href="#">2004-083</a>	Santa Clara Valley Water District	Water Efficiency Demonstration Garden
<a href="#">2004-084</a>	Elk Grove Water Service	Tariff Area 1 Meter Retrofit
<a href="#">2004-085</a>	Alameda Point Collaborative	Ploughshares Demonstration Garden
<a href="#">2004-086</a>	Alameda Point Collaborative	Water Efficient Landscaping
<a href="#">2004-087</a>	Sustainable Silicon Valley (SSV)	SSV Water Initiative for Businesses, Residents, and Ecosystems
<a href="#">2004-088</a>	Friends of Deer Creek	Increasing Water Efficiency in the Sierra Nevada-A Collaborative Water Conservation Planning Project for Developing Foothill Communities and Counties

<a href="#">2004-089</a>	Regents of the University of California	Benefits and Costs of Deficit Irrigation in Alfalfa
<a href="#">2004-090</a>	South Feather Water and Power Agency	Canal Seepage Reduction Program
<a href="#">2004-091</a>	El Dorado Irrigation District	EID CII/Multi-Family Landscape Sub-Metering and ET Controller Installation Project
<a href="#">2004-092</a>	Water Education Foundation	Project Wet (Agricultural Focus)
<a href="#">2004-093</a>	California State University, Chico Research Foundation	Development of Water Conservation Curriculum
<a href="#">2004-094</a>	Water Education Foundation	Water Saver Home Website Promotion and Customer Feedback Program
<a href="#">2004-095</a>	Yolo County Resource Conservation District	Yolo/Colusa Mobile Water Lab : Integrating Water Quality into On-Farm Irrigation Water Management Improvements
<a href="#">2004-096</a>	Agricultural Water Management Council	Agricultural Water Management Informational Resources Directory
<a href="#">2004-097</a>	Agricultural Water Management Council	Investigation to Develop Aids to Support Formulation and Evaluation of System Automation Applications
<a href="#">2004-098</a>	Rancho California Water District	Water Conservation Sustainable Agricultural Management (SAM) Project
<a href="#">2004-099</a>	Redding, City of	Tiger Field Demonstration Project
<a href="#">2004-100</a>	University of California, Davis-UC Regents, Department of Land, Air and Water Resources	Demonstration and Application of New Water Use Efficiency Tool for Reducing Urban Landscape Irrigation Water Use
<a href="#">2004-101</a>	University of California, Davis	California Irrigation Management Information System Phase II
<a href="#">2004-102</a>	University of California, Davis	Updating Crop Coefficients Information to Improve Crop Water Estimation
<a href="#">2004-103</a>	Yucaipa Valley Water District	Summerwind Conservation Demonstration Project
<a href="#">2004-104</a>	Georgetown Divide Utility District	Pipe Placement Structures 2 and 3
<a href="#">2004-105</a>	Agricultural Water Management Council	Investigation of Regulated Deficit Irrigation
<a href="#">2004-106</a>	Agricultural Water Management council	Agricultural WUE Monitoring and Evaluation Project
<a href="#">2004-107</a>	East Bay Municipal Utility District	Water Education Center (WEC) and Demonstration Garden
<a href="#">2004-108</a>	Inland Empire Utilities Agencies	IEUA Water-Efficient Residential and Landscape Facility
<a href="#">2004-109</a>	California Urban Water Conservation Council	California WaterStar Initiative: Water Efficiency Product Rating and Labeling
<a href="#">2004-110</a>	Inland Empire Utilities Agencies	Multi-Family UFL Toilet Direct - Install Program
<a href="#">2004-111</a>	California State University, Fresno Foundation	Irrigation System Audits by Students
<a href="#">2004-112</a>	South Yuba River Citizens League	"The Great Water Mystery" School Assemblies and School Water Audit

<a href="#">2004-113</a>	California State University, Fresno	Optimizing a Tailwater Return System to Improve Water Quality
<a href="#">2004-114</a>	Metropolitan Water District of Southern California	Online/Web-Based Irrigation Efficiency Training
<a href="#">2004-115</a>	University of California, Davis	California Regulated Deficit Irrigation Program and Remote Sensing to Quantify Evapotranspiration
<a href="#">2004-116</a>	Oakdale Irrigation District	Tailwater Recovery Program
<a href="#">2004-117</a>	University of California, Davis	Development of Strategies to Enhance Water Use Efficiency and Quality Using Field Studies and Modeling at the Regional Scale
<a href="#">2004-118</a>	Efficiency Partnership	Flex Your Power at the Tap
<a href="#">2004-119</a>	Stockton East Water District	Water Awareness Exhibit Refurbishment for the Children's Museum of Stockton
<a href="#">2004-120</a>	National Heritage Institute	Sierra Foothill Vineyard: Promoting Water Management Practices for Public Benefits
<a href="#">2004-121</a>	San Jose, City of	Police Athletic League Sports Complex Alternative Surface Irrigation Demonstration Project
2004-122	Ineligible proposal	
<a href="#">2004-123</a>	Placer County Water Agency	Heritage Center Water-Wise Irrigation Demonstration Site Project
<a href="#">2004-124</a>	Tracy, City of	Tracy Automated Water Accounting Project
<a href="#">2004-125</a>	Tulare Lake Basin Water Storage District	Irrigation Efficiency Improvement Program
<a href="#">2004-126</a>	Reclamation District 108	Reclamation/BWMP Cooperative Water Measurement Study
<a href="#">2004-127</a>	Electric and Gas Industries Association (EGIA)	Regional Resource - Efficient Clothes Washer Rebate Program
<a href="#">2004-128</a>	Yolo County Flood Control and Water Conservation District	Yolo County Flow Monitoring Network
<a href="#">2004-129</a>	Lost Hills Water District	Service Area 7N Canal Lining Project
<a href="#">2004-130</a>	Lost Hills Water District	Service Area 4 Canal Lining Project
<a href="#">2004-131</a>	Municipal Water District of Orange County (MWDOC)	Industrial Process Water Use Reduction Program
<a href="#">2004-132</a>	California Urban Water Conservation Council	Urban Water Efficiency Technical Assistance Program
<a href="#">2004-133</a>	Glenn-Colusa Irrigation District	Glenn-Colusa Irrigation District Regulatory Reservoirs Feasibility Study to Address Quantifiable Objectives 13, 20, 27, 30 and 35
<a href="#">2004-134</a>	Los Angeles, City of	Los Angeles City Park Irrigation Efficiency Program
<a href="#">2004-135</a>	Calaveras County Water District	West Point/Bummerville Proposition 50 Water Use Efficiency Project
<a href="#">2004-136</a>	California Urban Water Conservation Council	Smart From the Start

<a href="#">2004-137</a>	California Water Awareness Campaign	Public Information and Awareness Campaign
<a href="#">2004-138</a>	Glenn County, Department of Agriculture	Utilizing GIS-Based Pesticide Permitting Application to Facilitate Advancing Water Management
<a href="#">2004-139</a>	California Urban Water Conservation Council	Statewide Rebate Program for Cooling Tower Conductivity Controllers
<a href="#">2004-140</a>	California Urban Water Conservation Council	Statewide Turf Buy Back Program
<a href="#">2004-141</a>	East Bay Municipal Utility District	New Business Plan Review Program For Water Use Efficiency
<a href="#">2004-142</a>	Los Angeles, City of	Large Landscape "Smart Irrigation" Program
<a href="#">2004-143</a>	East Bay Municipal Utility District	Multi-Family Submeter Pilot Study
<a href="#">2004-144</a>	California Building Performance Contractors Association	Integrated Home Water Savings with Energy Star
<a href="#">2004-145</a>	Oakland Releaf	Releaf To Less Water - Street Tree Irrigation Research
2004-146	Ineligible proposal	
<a href="#">2004-147</a>	Solano Irrigation District	Spill Measurement SCADA System
<a href="#">2004-148</a>	Sutter Mutual Water Company	Tisdale Variable Frequency Drive and SCADA Demonstration Project
<a href="#">2004-149</a>	Beverly Hills, City of	"Smart" Irrigation Management System Upgrade
<a href="#">2004-150</a>	Water Education Foundation	Agricultural Water Use Efficiency Booklet and Workshops
<a href="#">2004-151</a>	Water Education Foundation	Project Wet (Urban Focus)
<a href="#">2004-152</a>	California State University, Fresno Foundation	Development of Standardized Testing for Soil Moisture, Sensors, Climatologically, Based Controllers, and Other Equipment for High Efficiency Watering
<a href="#">2004-153</a>	California Urban Water Agencies	Conservation Implementation Challenges and Opportunities
<a href="#">2004-154</a>	Number not assigned to a proposal	
<a href="#">2004-155</a>	California Urban Water Conservation Council	Empirical Analysis of Rate Impacts on Urban Water Conservation
<a href="#">2004-156</a>	California Urban Water Conservation Council	Statewide Urban Water Agency One-Stop Rebate Program
<a href="#">2004-157</a>	Pacific Institute for Studies in Development, Environment, and Security	Development of a Water Use Efficiency Implementation Cost and Cost Effectiveness Model
<a href="#">2004-158</a>	San Joaquin County Resources Conservation District	Expanded Mobile Irrigation Lab and Irrigation Workshops in Spanish
<a href="#">2004-159</a>	Anderson-Cottonwood Irrigation District	ACID Water Balance Study and Sprinkler Evaluation
<a href="#">2004-160</a>	Unitarian Universalist Church of Fresno	Pervious Parking Lot Demonstration Project

<a href="#">2004-161</a>	Anderson-Cottonwood Irrigation District	ACID Main Canal Modernization Project to Partially Address CALFED Quantifiable Objectives 6 and 7
<a href="#">2004-162</a>	Reclamation District 108	Sacramento River BWMP Sub-Basin-Level Water Management Program Demonstration Project
<a href="#">2004-163</a>	Amador Water Agency	Amador Transmission Project
<a href="#">2004-164</a>	Stevinson Water District	Lateral Canal Piping Project
<a href="#">2004-165</a>	Western Shasta Resource Conservation District	Cow Creek Water Use Efficiency Projects
<a href="#">2004-166</a>	Anderson-Cottonwood Irrigation District	ACID Churn Creek Lateral System Improvements Project-Feasibility Study
<a href="#">2004-167</a>	California State University, Fresno Foundation	Pilot Water Meter Flow Testing and Certification
<a href="#">2004-168</a>	Modesto Irrigation District	Water Conservation Ditch and Pipeline Replacement
<a href="#">2004-169</a>	Sacramento Suburban Water District	Installation of Meters and Metered Rates for Single-Family Residences
<a href="#">2004-170</a>	Biggs-West Gridley Water District	Regional Water Measurement Program
2004-171	Ineligible proposal	
<a href="#">2004-172</a>	Los Angeles, City of	Cooling Tower Conductivity Controller Replacement Program
<a href="#">2004-173</a>	West Sacramento, City of	Parks Irrigation Retrofit
<a href="#">2004-174</a>	University of California Regents - Lawrence Berkeley National Laboratory	Determining Waste of Water and Energy in Residential Hot Water Distribution Systems
<a href="#">2004-175</a>	University of California Regents - Lawrence Berkeley National Laboratory	Environmental Benefits of Best Management Practices in Urban Water Conservation: Establishing a Baseline